

APPENDIX K

Summary of Environmental Permits

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Summary of Facility Permits

Site History Report – October 2004
Former Ingersoll Rand Company Facility
Phillipsburg, New Jersey

Based on our understanding of the current and historical operations at the site, the permits listed in the table below have been associated with the Former Ingersoll-Rand Facility.

Permit	Regulatory Agency
Solid Waste Facility Permit	NJDEP Division of Solid and Hazardous Waste
Physical Connection Permit	NJDEP-Bureau of Safe Drinking Water
NJPDES-Discharge to Surface Water	NJDEP Division of Water Quality
Water Allocation	NJDEP Water Supply Element
DRBC Docket to Discharge	Delaware River Basin Commission
NJPDES-Significant Indirect User	NJDEP Division of Water Quality
NJPDES-Discharge to Groundwater	NJDEP Division of Water Quality
(Various Air)	NJDEP Air Pollution Control Program

K.1 Solid Waste Facility Permit

The facility was issued a Solid Waste Facility Permit on July 26, 1991 for their 4-acre on-site Class II Sanitary Landfill. The Class II landfill was permitted to accept only waste Types 27 (construction and demolition debris) and 13C (foundry sand) from the facility's on-site activities. Waste was deposited into the landfill in the 1990's and eventually the landfill operations, except for record keeping and reporting, were scaled back due to the inactivity at the facility. Per the conditions of this permit, a soil erosion and sediment control plan and landfill gas vent permit is required. Activities associated with these permits include, but not limited to:

- Routing inspections by the owner/operator, NJDEP, and the County Health Department
- Record keeping and reporting
- Payment of inspection fees
- Maintaining financial assurance
- Developing closure and post-closure care plan
- Sampling leachate as part of NJPDES-DSW permit
- Permit renewal and fees

The landfill's operating life is scheduled to terminate in the year 2012, twenty years after issuance of the permit. Post closure care activities are anticipated to start after closure of the landfill and 30 years thereafter.

K.2 Physical Connection Permit

The NJDEP issued this permit in 1975, which granted the facility to maintain, own, and operate a Physical Connection between an approved Public Community Water System and the facility's water supply from a well. Activities associated with the permit include, but not limited to:

- Routine inspections and testing
- Record keeping and reporting
- Operation and maintenance of piping and appurtenance
- Permit renewal and fees

The Physical Connection Permit is renewed on an annual basis with the NJDEP Bureau of Safe Drinking Water.

K.3 NJPDES – Discharge to Surface Water

Three NJDEP permitted discharges to surface water are located at the facility. The discharges to surface water consist of the following:

- NJPDES Discharge Point DSN001A – Discharge of non-contact cooling water from facility operations, and stormwater from the eastern half of the facility to the Ephemeral Stream;
- NJPDES Discharge Point DSN002A – Discharge of the groundwater remediation system to three retention ponds and eventually to the Ephemeral Stream; and
- NJPDES Discharge Point DSN004A – Discharge of the landfill leachate and stormwater from western half of the facility to the city stormwater conveyance system.

Activities associated with the permit include, but not limited to:

- Weekly, monthly, quarterly, and annual sampling
- Annual NJPDES inspections
- Reporting/record keeping
- NJDEP inspections and confirmatory sampling
- Permit renewal
- Maintenance of discharge points
- Annual fees

K.4 Water Allocation

This permit was issued in 1995 by the NJDEP Water Supply Element, allowing the diversion of groundwater from 10 source wells, for the purposes of facility water supply, cooling, and groundwater

remediation. The maximum permitted diversion is a maximum of 150 million gallons per year at a maximum of 20.0 million gallons per month and a maximum rate of 900 gallons per minute. Activities associated with the permit include, but not limited to:

- Record keeping/reports
- Annual Fees
- Permit renewal and associated fees
- Inspections (internal, DEP)
- Monthly measurement of well groundwater levels and pumping volume tracking

K.5 DRBC Docket to Discharge

The Delaware River Basin Commission (DRBC) issued the Docket to Discharge in 1995, allowing the diversion of water from the 10 source wells, located in the Delaware River Basin. The approval of the Water Allocation Permit was subject to the approval of the DRBC by means of the Docket to Discharge. Activities associated with the permit include, but not limited to:

- Record keeping/reports
- Annual Fees
- Monitoring of static water levels and water meters

K.6 NJPDES – Discharge to Groundwater

This former permit (NJPDES Permit #0078484) was triggered as a result of the floating product on the groundwater table and was one of the regulatory mechanisms of NJDEP oversight of the remediation activities. Eventually, this permit was superseded by the Administrative Consent Order. Activities associated with the permit included, but were not limited to:

- Reporting/record keeping
- Annual fees
- Inspections
- Groundwater sampling activities

K.7 NJPDES-Significant Indirect User Permit

The facility discharges their wastewater (i.e., sanitary, process) into a sanitary sewer system/sewage treatment plant. The wastewater is conveyed to the local Public Operated Treatment Works (POTW) where it is treated and discharged to a surface water body. Activities associated with the permit include, but not limited to:

- Reporting/record keeping

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- Monthly sampling
 - Annual inspections by the local POTW and NJPDES inspector
 - Annual fees
 - Inspections

K.8 Air Permits

Various air permits have been associated with the manufacturing and facility operations of the facility, including, but not limited to: 1) Paint spray booths, 2) Sand blasting, and 3) Small combustion sources. Activities associated with these permits included, but not limited to:

- Reporting/record keeping
- Annual fees
- Inspections

K.9 Violations

Over the permit history of the facility it is known that various violations of permit conditions occurred for instances of non-compliance with permit conditions. Generally violations have been minor in nature. Known permit violations from the past 5 years involve permit discharge limit exceedances for NJPDES DSW and SIU, and were categorized as minor violations. A detailed review of historic permits and possible violations was not completed.